

WE CLAIM:

1. A method for diagnosing a condition associated with activation of the coagulation response comprising:
  - a. Testing the blood of a patient to determine if activation of the coagulation response is indicated.
2. A method for diagnosing and treating a condition associated with activation of the coagulation response comprising:
  - a. Testing the blood of a patient to determine if activation of the coagulation response is present;
  - 10 b. Determining that there is activation of the coagulation response; and
  - c. Treating the patient using low dose anticoagulant therapy.
3. A method for diagnosing, treating and monitoring a condition associated with activation of the coagulation response comprising:
  - a. Utilizing a grouping of blood tests to determine if activation of the coagulation response is present;
  - 15 b. Determining that there is activation of the coagulation response;
  - c. Treating the patient using low dose anticoagulant therapy; and
  - d. Monitoring the recovery using said grouping of blood tests.
4. The method of claim 3 wherein said grouping of blood tests comprises:
  - 20 a. A test to determine the level of fibrinogen;
  - b. A test to determine the level of prothrombin fragment 1+2;

- c. A test to determine the level of thrombin/antithrombin complexes; and
  - d. A test to determine the level of soluble fibrin monomer.
5. The method of claim 4 wherein said condition is diagnosed by at least two of said tests in said grouping of blood tests indicating activation of the coagulation response.
- 5 6. The method of claim 5 wherein said condition is chronic fatigue syndrome.
7. The method of claim 5 wherein said condition is fibromyalgia.
8. The method of claim 5 wherein said condition is multiple sclerosis.
9. The method of claim 5 wherein said condition is gulf war illness.
10. The method of claim 5 wherein said condition is breast implant sickness syndrome.
- 10 11. The method of claim 5 wherein said condition is inflammatory bowel disease.
12. The method of claim 5 wherein said condition is autism.
13. The method of claim 5 wherein said condition is Sjorens syndrome.
14. The method of claim 5 wherein said condition is late Lyme disease.
15. The method of claim 5 wherein said condition transient ischemic attack.
- 15 16. The method of claim 5 wherein said condition is attention deficit disorder.
17. The method of claim 5 wherein said condition is Alzheimer's disease.
18. The method of claim 5 wherein said condition is Parkinson's disease.
19. The method of claim 5 wherein said condition is fetal wastage syndrome.
20. The method of claim 5 wherein said condition is a cardiovascular disease.
- 20 21. The method of claim 3 wherein said grouping of blood tests comprises:
- a. A test to determine the level of fibrinogen;

- b. A test to determine the level of prothrombin fragment 1+2;
  - c. A test to determine the level of thrombin/antithrombin complexes; and
  - d. A test to determine the level of soluble fibrin monomer; and
  - e. A test to determine the level of platelet activation.
- 5    22. The method of claim 21 wherein said condition is diagnosed by at least two of said tests  
in said grouping of blood tests indicating activation of the coagulation response.
23. The method of claim 22 wherein said condition is chronic fatigue syndrome.
24. The method of claim 22 wherein said condition is fibromyalgia.
25. The method of claim 22 wherein said condition is multiple sclerosis.
- 10   26. The method of claim 22 wherein said condition is gulf war illness.
27. The method of claim 22 wherein said condition is breast implant sickness syndrome.
28. The method of claim 22 wherein said condition is inflammatory bowel disease.
29. The method of claim 22 wherein said condition is autism.
30. The method of claim 22 wherein said condition is Sjorens syndrome.
- 15   31. The method of claim 22 wherein said condition is late Lyme disease.
32. The method of claim 22 wherein said condition transient ischemic attack.
33. The method of claim 22 wherein said condition is attention deficit disorder.
34. The method of claim 22 wherein said condition is Alzheimer's disease.
35. The method of claim 22 wherein said condition is Parkinson's disease.
- 20   36. The method of claim 22 wherein said condition is fetal wastage syndrome.
37. The method of claim 22 wherein said condition is a cardiovascular disease.

38. The method of claim 5 wherein said low dose anticoagulant therapy is heparin.
39. The method of claim 5 wherein said low dose anticoagulant therapy is heparin followed  
by warfarin.
40. The method of claim 5 wherein said low dose anticoagulant therapy is warfarin.
- 5 41. The method of claim 22 wherein said low dose anticoagulant therapy is heparin.
42. The method of claim 22 wherein said low dose anticoagulant therapy is heparin followed  
by warfarin.
43. The method of claim 22 wherein said low dose anticoagulant therapy is warfarin